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Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

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Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire

SHARP KABUSHIKI KAISHA

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

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## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 01 10 5174

### DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 679 014 A (CANON KK) 25 October 1995 (1995-10-25)	1-3, 6	H04N1/00
Y	* claims 25,26; figures 16,17,1825 *	4, 5	
X	EP 0 902 582 A (XEROX CORP) 17 March 1999 (1999-03-17)	1-3, 6	
Y	* the whole document *	4, 5	
A	US 5 513 126 A (HARKINS LARRY E ET AL) 30 April 1996 (1996-04-30) * the whole document *	1-6	
A	US 5 740 336 A (TOMIDA WATARU ET AL) 14 April 1998 (1998-04-14) * figures 11,13 *	1-6	
A	US 5 881 233 A (BANDOU TATSUO ET AL) 9 March 1999 (1999-03-09) * the whole document *	1-6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04N
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		10 December 2002	Foraboschi, A
<div style="display: flex; justify-content: space-between;"> <div> <p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>P : intermediate document</p> </div> <div> <p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p> </div> </div>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 5174

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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10-12-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0679014	A	25-10-1995	CN	1120772 A	17-04-1996
			DE	69517853 D1	17-08-2000
			DE	69517853 T2	30-11-2000
			EP	0679014 A2	25-10-1995
			EP	0971531 A2	12-01-2000
			JP	8006884 A	12-01-1996
			KR	151350 B1	15-10-1998
			US	5935217 A	10-08-1999
EP 0902582	A	17-03-1999	US	5987535 A	16-11-1999
			EP	0902582 A2	17-03-1999
			JP	11165456 A	22-06-1999
US 5513126	A	30-04-1996	JP	3300169 B2	08-07-2002
			JP	7177158 A	14-07-1995
			US	5689642 A	18-11-1997
US 5740336	A	14-04-1998	JP	3000879 B2	17-01-2000
			JP	8242327 A	17-09-1996
US 5881233	A	09-03-1999	JP	3160177 B2	23-04-2001
			JP	8242326 A	17-09-1996
			US	6124939 A	26-09-2000
			US	6229884 B1	08-05-2001
			US	6469798 B1	22-10-2002
			US	2001038687 A1	08-11-2001
			US	2001012342 A1	09-08-2001
			US	2001010715 A1	02-08-2001
			US	2002059389 A1	16-05-2002
			US	2002027979 A1	07-03-2002